

# CPSC 2030 Project Proposal

Jay Seung Yeon Lee  
100 357 736

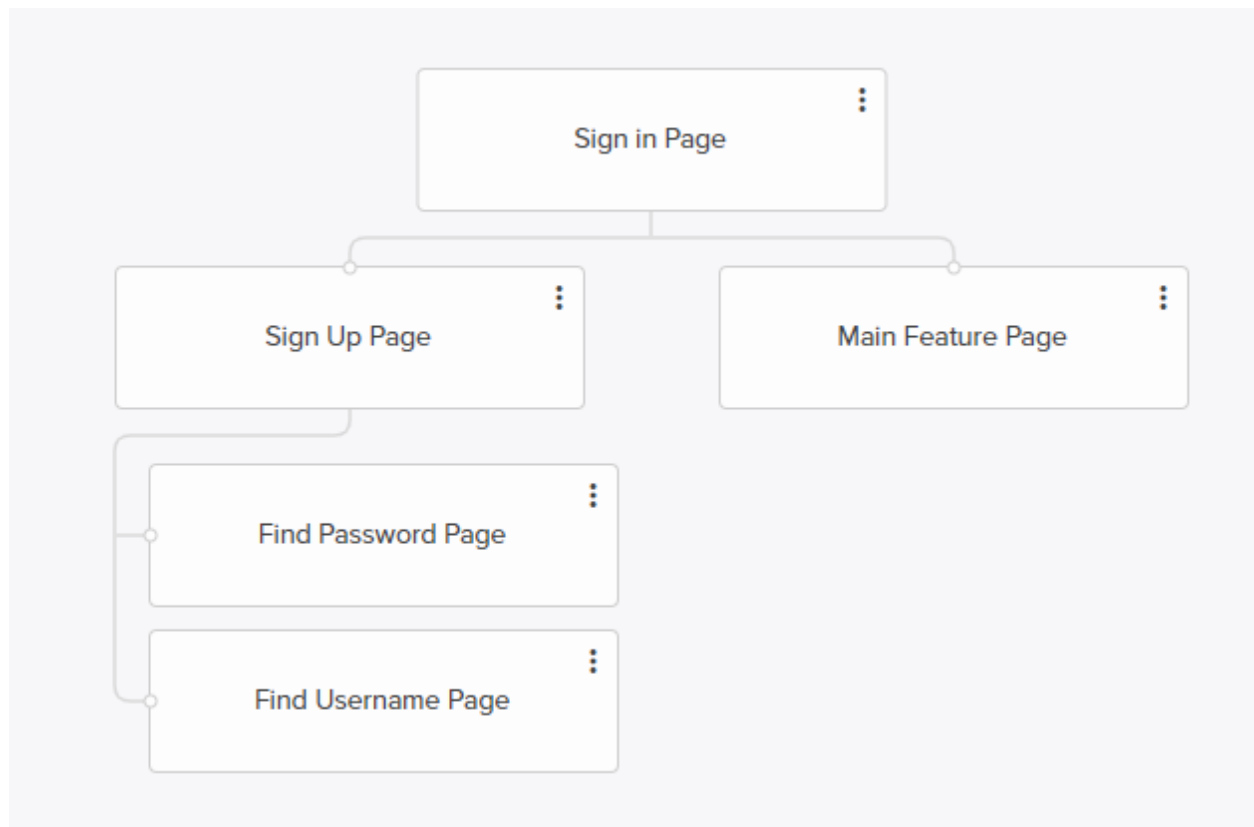
**Title of the Project:** Salary Calculator

**The objectives of the project:** Practicing insert/ manipulating data on database with php backend and displaying UI components based on user input

**Detailed description of the project:**

1. **Sign in page** – Form that will take in user login credentials and find the matching database pairs to safely log users in. Users must log in to access the main feature of the website.
2. **Sign up page** – Form that will take user information and add it to the database.
3. **Find ID/PW** – Pages to find lost id and pw using email and first and last name of the user
4. **Main feature** – User will be given two options to calculate the salary – 1. By hourly wage or 2. By annual salary. All 13 provinces will be available to choose from and program will display deducted GST, PST, total tax, and income after tax as a result from calculations done from the backend.

**Project website organization diagram**



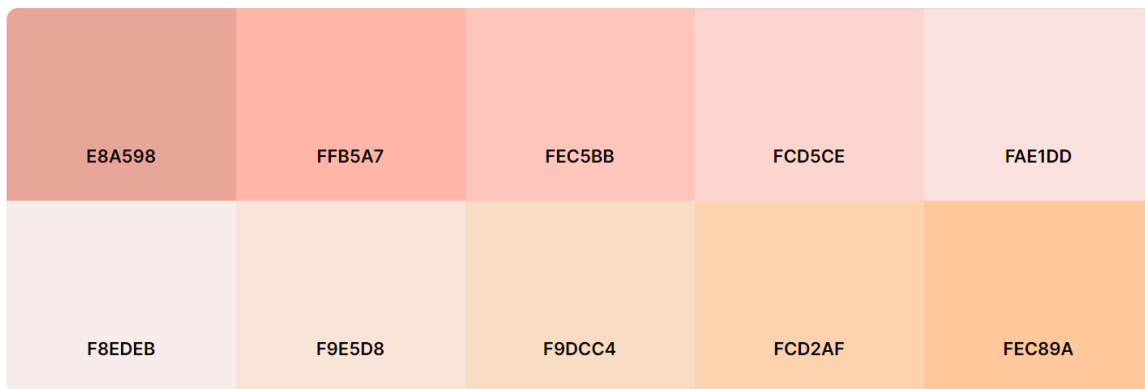
Detailed wireframe of each different page layout

### Color Palettes:

All the color used in the project will be coming from the below color palette (With an exception of black & white)

### Palette

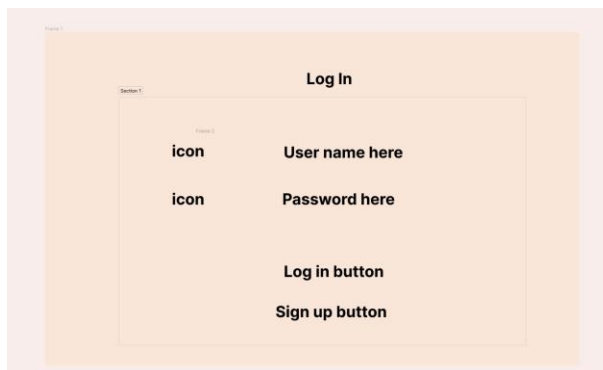
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### Sign in page:

If user have registered already, user should be able to log in with the login credentials they provided. Clicking on Login button should submit the form to the backend to validate credentials and will redirect user to the main feature page.

If user have not registered already, they should click on “Sign Up” button which will redirect them to the sign up page.



### Sign up page:

Sign up page will take in user's email address, first name, last name, and password. Upon clicking signup button, form will be submitted to the backend to insert new row in the database with given credentials.

Find PW and username button will redirect users to the page accordingly. If user is successfully registered, they will be redirected back to the sign in page

Frame 1

Sign Up

Icon

Email address

Icon

First name

Icon

Last name

Icon

Password

Sign Up button

Find PW

Find username

### Find PW page:

Find PW page requires users to enter username and email address to find their pw. FindPW button will submit the form returning pw of the user or throw an error message.

Frame 1

Find PW

Enter Email Address

Enter Username

Find PW Button

### Find Username Page:

Find Username page requires users to enter first and lastname and email address to find their pw. Find Username button will submit the form returning username of the user or throw an error message.

Find Username

Enter Email Address

Enter First Name

Enter Last Name

Find Username Button

### Main Feature page:

Main feature page will have a side nav bar which will include the list of provinces program can calculate. It will change color upon user click and display according tax bracket for the province. Calculate button will submit the form and retrieve necessary information to display in the result section

Province name  
Province name  
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Province name  
Province name  
Province name  
Province name  
Province name  
Province name

Salary Calculator

Province

Salary input

Hourly

PST

GST

Total tax

Income after Tax

Calculate button